

Title (en)

ANTI-TACK BLADDER, ANTI-TACK RUBBER AND METHOD FOR MAKING AND USING SAME

Title (de)

ANTI-KLEBENDE BLASE, ANTI-KLEBENDER KAUTSCHUK UND VERFAHREN ZUR HERSTELLUNG UND ANWENDUNG DERSELBEN

Title (fr)

VESSIE ANTICOLLANTE, CAOUTCHOUC ANTICOLLANT ET LEUR PROCEDE DE PRODUCTION ET D'UTILISATION

Publication

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Application

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Abstract (en)

[origin: WO0046006A1] A bladder with an anti-tack rubber having suitable curing properties to turn up plies in manufacturing pneumatic tires is provided. In a preferred embodiment, the anti-tack rubber comprises 50 to 45 parts natural rubber cured with 50 to 60 parts chlorosulfonated polyethylene, 0.9 to 1.1 benzothiazyl disulfide and 0.9 to 1.1 phenylenediamine. A method of making the anti-tack rubber comprises mixing a first rubber and an anti-tack composition and blending curing agents to form a workable anti-tack rubber with suitable curing properties. An improved and simplified method to form a bladder with suitable anti-tack and curing properties, and a method for using a bladder to turn plies in manufacturing pneumatic tires, wherein the bladder is made from an anti-tack rubber is also disclosed.

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